

<b>TRANSMITTAL LETTER TO THE UNITED STATES  DESIGNATED/ELECTED OFFICE (DO/EO/US)  CONCERNING A FILING UNDER 35 U.S.C. 371</b>		ATTORNEY DOCKET NO. P08595US00/DEJ US APPL. NO. (If known, see 37CFR 1.5) 10/533,533
INTERNATIONAL APPLICATION NO. PCT/GB03/004630	INTERNATIONAL FILING DATE 28 October 2003	PRIORITY DATE CLAIMED 31 October 2002
TITLE OF INVENTION: A DEVICE FOR REFLECTING AND DETECTING ELECTROMAGNETIC RADIATION		
APPLICANT(S) FOR DO/EO/US: SMITH, Alan J. et al		
<p>Applicant herewith submits to the US Designated/Elected Office (DO/EO/US) the following items and other information:</p> <p><input type="checkbox"/> 1. This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p><input checked="" type="checkbox"/> 2. This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 USC 371.</p> <p><input type="checkbox"/> 3. This is an express request to begin national examination procedures (35 USC 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p><input type="checkbox"/> 4. The US has been elected (Article 31).</p> <p><input type="checkbox"/> 5. A <b>copy</b> of the International Application as filed (35 U.S.C. 371 (c)(2))</p> <p style="margin-left: 20px;"><input type="checkbox"/> a. is attached hereto (required only if not communicated by the International Bureau).</p> <p style="margin-left: 20px;"><input type="checkbox"/> b. has been communicated by the International Bureau</p> <p style="margin-left: 20px;"><input type="checkbox"/> c. is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p><input type="checkbox"/> 6. An English <b>translation</b> of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p style="margin-left: 20px;"><input type="checkbox"/> a. is attached hereto.</p> <p style="margin-left: 20px;"><input type="checkbox"/> b. has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p style="margin-left: 20px;"><input type="checkbox"/> c. is not needed since the International Application is in English.</p> <p><input type="checkbox"/> 7. Amendments to the claims of the International Appln. under PCT Article 19 (35 USC 371 (c)(3))</p> <p style="margin-left: 20px;"><input type="checkbox"/> a. are attached hereto (required only if not communicated by the International Bureau).</p> <p style="margin-left: 20px;"><input type="checkbox"/> b. have been communicated by the International Bureau.</p> <p style="margin-left: 20px;"><input type="checkbox"/> c. have not been made; however, the time limit for making such amendments has NOT expired.</p> <p style="margin-left: 20px;"><input type="checkbox"/> d. have not been made and will not be made.</p> <p><input type="checkbox"/> 8. An English translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p><input checked="" type="checkbox"/> 9. An oath or <b>declaration</b> of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p><input type="checkbox"/> 10. An English translation of the annexes to the Int'l Pre. Exam. Report under PCT Article 36 (35 USC 371(c)(5)).</p> <p><b>Items 11. to 20. below concern document(s) or information included:</b></p> <p><input type="checkbox"/> 11. An <b>Information Disclosure Statement</b> under 37 C.F.R. 1.97 and 1.98.</p> <p><input type="checkbox"/> 12. An <b>Assignment</b> document for recording. A separate cover sheet in compliance with 37 CFR 3.28 &amp; 3.31 is included.</p> <p><input checked="" type="checkbox"/> 13. A <b>preliminary amendment</b>.</p> <p><input type="checkbox"/> 14. An Application Data Sheet under 37 CFR 1.76.</p> <p><input type="checkbox"/> 15. A substitute specification.</p> <p><input type="checkbox"/> 16. A power of attorney and/or change of address letter.</p> <p><input type="checkbox"/> 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 &amp; 37 CFR 1.821-825.</p> <p><input type="checkbox"/> 18. A second copy of the published international application under 35 USC 154(d)(4).</p> <p><input type="checkbox"/> 19. A second copy of the English translation of the international application under 35 USC 154(d)(4).</p> <p>20. <b>Other</b> items or information:</p> <p style="margin-left: 20px;"><input type="checkbox"/> Return Receipt Postcard.</p> <p style="margin-left: 20px;"><input checked="" type="checkbox"/> A copy of the Notification of Missing Requirements under 35 U.S.C. 371.</p> <p style="margin-left: 20px;"><input checked="" type="checkbox"/> In the event that a petition for extension of time is required to be submitted herewith, and in the event that a separate petition does not accompany this response, applicant hereby petitions under 37 CFR 1.136(a) for an extension of time of as many months as are required to render this submission timely. Any fee is authorized in 21(c).</p> <p style="margin-left: 20px;"><input type="checkbox"/></p>		

Date: September 2, 2005

U.S. APPLICATION NO. (if known) 10/533,533		INTERNATIONAL APPLICATION NO. PCT/GB03/004630		ATTORNEY DOCKET NO. P08595US00/DEJ	
<b>The following fees have been submitted:</b>				<b>CALCULATIONS</b>	<b>PTO USE ONLY</b>
<input type="checkbox"/> 21. Basic national fee		\$300	\$		
<input type="checkbox"/> 22. Examination fee					
<input type="checkbox"/> IPER prepared by USPTO & all claims satisfy PCT Art. 33(1-4)		\$100	\$		
<input type="checkbox"/> All other situations		\$200			
<input type="checkbox"/> 23. Search fee					
<input type="checkbox"/> Has been paid on the Int'l Appln. to the USPTO as ISA (37 CFR 1.445.a.2)		\$100	\$		
<input type="checkbox"/> International Search Report prepared and provided to the Office		\$400			
<input type="checkbox"/> All other situations		\$500			
<b>TOTAL OF 21, 22 AND 23</b>			\$		
<input type="checkbox"/> SIZE FEE: sheets - 100 = ÷ 50 = [rounded up] × \$250 =			\$		
<input checked="" type="checkbox"/> Surcharge of \$130 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e))		\$130	\$ 130		
<b>CLAIMS</b>	<b>NUMBER FILED</b>	<b>NUMBER EXTRA</b>	<b>RATE</b>		
Total Claims	- 20 =		X \$50 =	\$	
Independent Claims	- 03 =		X \$200 =	\$	
<input type="checkbox"/> Multiple Dependent Claim(s) (if applicable)			+ \$360 =	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>			\$		
<input type="checkbox"/> Applicant claims small entity status - 37 CFR 1.27. Fees above reduced by ½.			\$		
<b>SUBTOTAL =</b>			\$		
<input type="checkbox"/> Processing fee for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f))		\$130	\$		
<b>TOTAL NATIONAL FEE =</b>			\$		
<input type="checkbox"/> Fee for recording enclosed assignment (37 CFR 1.21(h)). Assignment must be accompanied by appropriate cover sheet (37 CFR 3.28, 3.31)		\$40 per property	\$		
<b>TOTAL FEES ENCLOSED =</b>			\$ 130		
09/08/2005 ATRAN1 00000138 10533533 01 FC:1617 130.00.00			<b>Amount to be</b>		
			<b>Refunded</b>	\$	
			<b>Charged</b>	\$	
<input type="checkbox"/> a. A CHECK in the amount of \$ to cover the above fees is enclosed. <input checked="" type="checkbox"/> b. Payment of \$ 130.00 is made by attached Credit Card Payment Form (PTO-2038) <input checked="" type="checkbox"/> c. The Commissioner is hereby authorized to charge any additional fees which may be required or credit overpayment to Deposit Account No. 12-0555. <input type="checkbox"/> d. Do not charge any claim fees now - any additional claims fees will be paid with the Missing Requirements.					
<b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
POWER OF ATTORNEY & CORRESPONDENCE ADDRESS:  <b>CUSTOMER NO. 00881</b>  Date: September 2, 2005			NAME: Douglas E. Jackson REG. NO.: 28,518  Signed (for by): <u>Douglas E. Jackson</u> REG. NO.: 28,518		

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223LT:20290:20075:1:ALEXANDRIA



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

U.S. APPLICATION NUMBER NO. 10/533,533	FIRST NAMED APPLICANT Alan J Smith	ATTY. DOCKET NO. P08595US00/DEJ
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INTERNATIONAL APPLICATION NO. PCT/GB03/04630	
I.A. FILING DATE 10/28/2003	PRIORITY DATE 10/31/2002

881  
STITES & HARBISON PLLC  
1199 NORTH FAIRFAX STREET  
SUITE 900  
ALEXANDRIA, VA 22314

**RECEIVED**

AUG 26 2005

STITES & HARBISON PLLC

CONFIRMATION NO. 1783

371 FORMALITIES LETTER

\*OC000000016830681\*

\*OC000000016830681\*

*10-25-2005*

Date Mailed: 08/25/2005

## NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 05/02/2005
- Copy of the International Search Report filed on 05/02/2005
- Copy of IPE Report filed on 05/02/2005
- Preliminary Amendments filed on 05/02/2005
- U.S. Basic National Fees filed on 05/02/2005
- Priority Documents filed on 05/02/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.16(f) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

### SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

WINSTON M ALVARADO

Telephone: (703) 308-9140 EXT 206

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/533,533	PCT/GB03/04630	P08595US00/DEJ